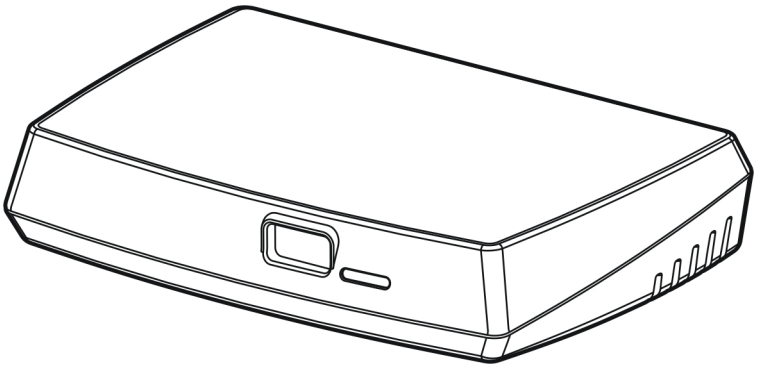
User Manual



V 1.0

CONTENTS

Introduction 1
Features 1
System Requirements 1
The Remote Control 2
Using the Remote Control for the First Time 2
Changing the Battery of the Remote Control 2
Buttons 3
Parts and Functions 4
Quick Start 5
USB Connection 6
Mounting the USB External Storage 6
Partition of the USB External Storage 7
Media Files for Playback 7
TV Connection 9
Connecting to AV Equipments 9
Using the AV Playback Function 12
Browsing Media Files 12
Using the Remote Control 13
Setup Menu 19
GENERAL SETUP 19
AUDIO SETUP 19
VIDEO SETUP 20
PREFERENCES SETUP 21
Appendix 22
Specifications 22
Error Code 23
Fonts support country list 23
Copyright and Trademarks 24

Introduction

Features

- ❑ Plays back DVD Folder/ DVD ISO, VCD, MPEG1, MPEG2, Xvid (AVI) movie files, MP3, WAV, WMA, OGG music files, JPEG photo and graphic files.
- ❑ Supports NTFS/FAT32/HFS+ file system.
- ❑ Supports both NTSC and PAL TV systems.
- ❑ Supports video output upscaling to 720p/1080i.
- ❑ Supports HDMI and component video output.
- ❑ Supports Music Slideshow.
- ❑ Supports bilingual subtitle display.

⚠
- This device is not for in-car entertainment use. Unstable power or vibration may damage this device.
- Do not use an AC adapter other than the one came along with the retail package; any damage caused by unauthorized adapters will avoid warranty.

⚠
- Moving the hard disk while it is still in operation may damage the hard disk. We are not liable for any data loss or damage caused by inappropriate or careless use.
- It is recommended to unplug the unit from the power socket completely when not in use.

⚠ TV screen does not display normally:
- Press **TV SYS** button to switch output TV system. (See page 21 for more detail).

System Requirements

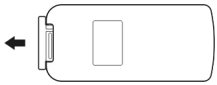
Storage media: USB Flash Drive / USB external HDD (USB card reader support is not guaranteed)

Minimum Capacity: 512MB

Minimum Allocation Unit Size: 4096 bytes

The Remote Control

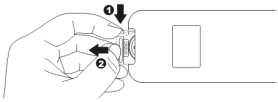
Using the Remote Control for the First Time



For the first time use of the remote control, pull out the tab to enable the battery power of the remote control.

Changing the Battery of the Remote Control

If the battery becomes depleted, change the battery according to the following instructions:

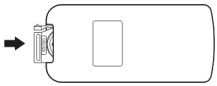


Take out the battery holder

1. Turn the remote control on its back, and then press the tab on the left side with fingernail❶. Hold and pull at the indentation❷ to take out the battery unit.

Load the new battery
(+ towards up)

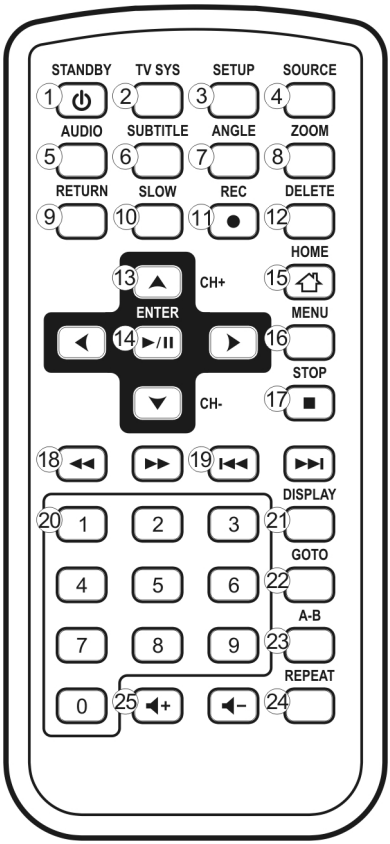
2. The battery model of this remote control is CR2025. Refer to the illustration to insert the battery accurately with the positive terminal facing up – see illustration below.



Insert the battery holder

3. Place the new battery and make sure it is inserted and seated securely.

Buttons



① STANDBY: Activate this device / Return to Standby

② TV SYS: Switch output TV system

③ SETUP: Enter Setup Menu

④ SOURCE: No function

⑤ AUDIO: Switch audio channels

⑥ SUBTITLE: Switch DVD / Xvid subtitles

⑦ ANGLE: Switch DVD angles

⑧ ZOOM: No function

⑨ RETURN: Return to parental folder

⑩ SLOW: Slow motion playback

⑪ REC: No function

⑫ DELETE: No function

⑬ ◄ ▲ ► ▼: Cursor keys

⑭ ►/II ENTER: Play/Pause the current selected file or folder.

⑮ HOME: Open Home Menu.

⑯ MENU: Open DVD main menu

⑰ STOP: Stop current playback

⑱ ◄◄/►►: Fast rewind / Fast forward

⑲ I◄◄/►►I: Play the previous / next file

⑳ 0~9: Number pad

㉑ DISPLAY: Display file properties / played time (page 18)

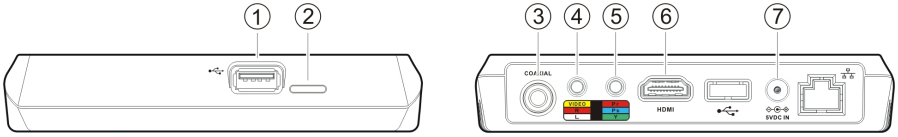
㉒ GOTO: Search by Title / Time (page 17)

㉓ A-B: Repeat from A to B (page 17)

㉔ REPEAT: Change the play mode (page 17)

㉕ 🔊+/🔊−: Volume up / Volume down (page 15)

Parts and Functions



①	USB 2.0 type A connector :	Connect to a USB Flash drive or a USB external HDD. (USB card reader support is not guaranteed)
②	Power and access indicator (blue) :	Lights up: The power is on. Blinking: Booting up/ Accessing data through PC connection.
③	Coaxial digital audio connector :	Output S/PDIF digital audio signal. Connect this jack to an AV receiver with a RCA cable. (cable not provided)
④	Composite audio/video output connector :	Outputs composite video/audio signals with a special cable provided. The colors of the jacks are yellow, red and white.
⑤	Component video output connector :	Outputs component video signals with a special cable provided. The colors of the jacks are green, blue and red.
⑥	HDMI connector :	Outputs digital video/audio signals with a HDMI cable. (cable not provided)
⑦	Power connector :	Connect to the AC adapter. (DC 5V, 2A)

Quick Start

Read before use.

1. Do not operate electronics with wet hands.
2. Do not operate this device in a bathroom.
3. Do not bend cables in a sharp angle.
4. Keep this device unreachable from children.
5. Keep this device and its accessories away from heat sources.

How do I use this device?

Copy media files from your computer to this device, and then connect it to your TV or Home Theater. The User Interface is somewhat intuitive like a Browser. Try starting with ◄▲►▼ and ►/II buttons.

How do I play media files on my TV?

1. Connect this device to your TV with correct cables.
2. Plug the AC adapter into the Power Connector to turn it on.
3. Press the ⏻ **STANDBY** button on the remote control to activate this device.
4. Browse with ◄▲►▼ and ►/II buttons.

What if my TV screen displays unstable image?

Press the **TV SYS** button to switch output TV system. (See page 21 for more detail)

How to configure settings?

Press the **SETUP** button.

What if I have more questions to ask?

Please read detailed descriptions in this manual.

USB Connection

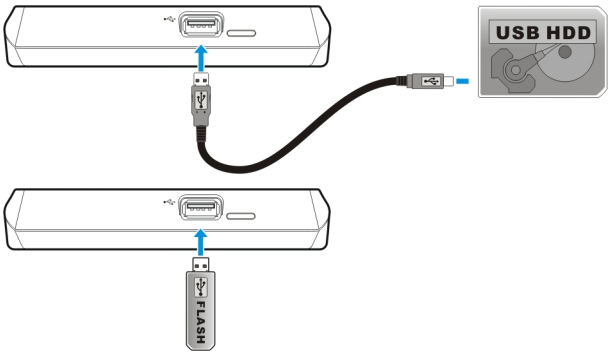
Mounting the USB External Storage

Compatibility

1. This device supports FAT16/32, NTFS and HFS+ file systems.
2. This device supports USB external HDDs and USB Flash drives.
3. This device does not supports USB Flash drives smaller than 512MB in capacity.
4. This device does not support file system with Allocation Unit Size smaller than 4096 bytes. 4096 bytes or larger Allocation Unit Size is required.
5. This device does not support USB Hubs.
6. USB card reader support is not guaranteed.
7. This device does not support USB external CD/DVD/BD/HDDVD/other ODD drives.

Mounting of a USB External Storage

This device automatically mounts a USB external storage connected.



Safely Remove of a USB External Storage

1. Press the HOME button on the remote control. The HOME menu will be shown on the screen.
2. It is safe to remove the USB External Storage.

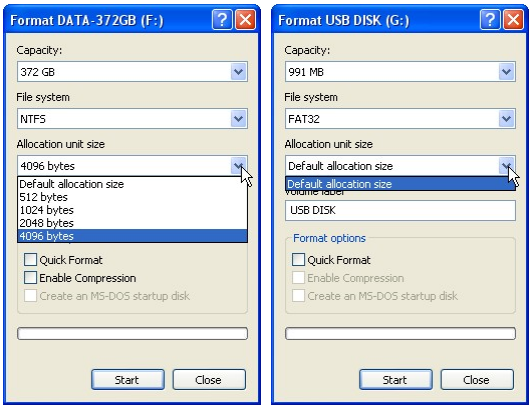
> ⚠ Removing the USB device without the Safely Remove processes may cause system to hang and damage the device. Please always follow the Safely Remove processes when removing the USB device.

Partition of the USB External Storage

For information of partitioning and formatting of the USB external HDD, please read the following:

	NTFS	FAT32	HFS+
OS support	Windows Vista/XP/2000	Windows Vista/XP/2000 /Me /98SE, Mac OS	Mac OS
Minimal Allocation Unit Size	4096 bytes	4096 bytes	4096 bytes
Single file size limitation	2TB	4GB	2TB
Partition size limitation	2TB	2TB (Windows Vista/XP/ 2000: 32GB)*	2TB

The Minimal Allocation Unit Size can be set up in Format dialogue box in Windows.



* The Disk Management of Windows Vista/XP/2000 can only create a FAT32 partition up to 32GB.

Media Files for Playback

When using this device as a media player, it can only browse and play back some specific media file formats.

This device can play back the following media files:

- ❑ DVD movie files / DVD ISO
- ❑ Xvid movie files: The filename extensions are avi, xvid

  Xvid subtitle files: The filename extensions are srt, sub, idx/sub, smi, psb, ass, ssa
- ❑ VCD files: The filename extension is dat
- ❑ MPEG1 / MPEG2 files: The filename extensions are mpg, mpe, mpeg, m2p, vob
- ❑ Audio and music files: The filename extensions are wav, mp3, wma, ogg
- ❑ Photo and graphic files: The filename extensions are jpg, jpe, jpeg

USB Connection

⚠
- If your files are larger than 4GB. You'll need to format this device in NTFS/HFS+ for storing large files.
- If your file has any of the following attributes attached to it, you may find it missing:
  "**Hidden**", "**Encrypted**", "**Compressed**" and "**System Folder**"

Media Files Not Supported

Some media files, such as WMV, ASF or MOV files, can't be played back with this device. Also some AVI files may not be played back correctly due to the codec and the resolution are not supported by this device. Please use video convert software to convert these files into MPEG1, MPEG2, or Xvid format. Then copy the converted files into the folders in this device.

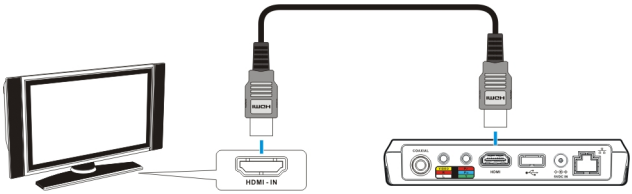
TV Connection

Connecting to AV Equipments

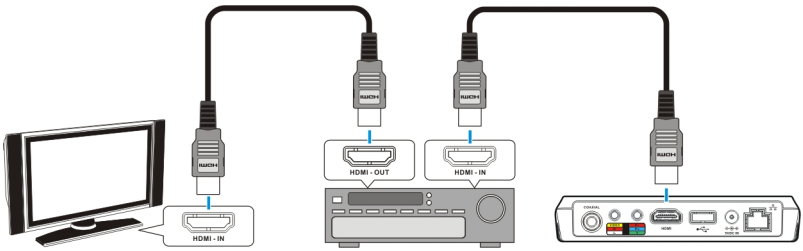
HDMI Connection

The HDMI connector can output both digital audio/video signals. Many HDTV sets and digital AV receivers support this type of connection. (HDMI cable not provided)

To a TV:



To an AV receiver:



If the HDMI cable is disconnected in playback, this device will stop playback immediately.

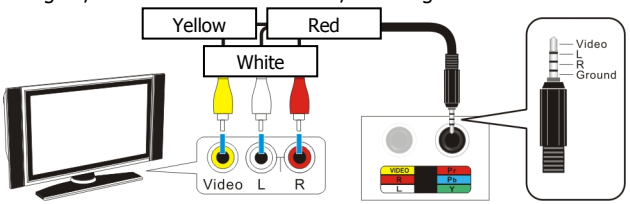
Note:

- If you connect the HDMI cable during playback, you will have to press **STOP** button to return to Home Menu.
- Some TV sets are equipped with DVI input ports, which will receive video signals only, but these DVI ports use HDMI connectors instead of standard DVI connectors. If you find no audio signal output while using HDMI connection, connect the Composite Audio Connection or the Coaxial Audio Connection as an auxiliary.

Composite Audio/Video Connection

The composite audio/video is compatible with most TV sets and AV amplifiers (receivers.)

Yellow: Video signal; White: Left audio channel; Red: Right audio channel.

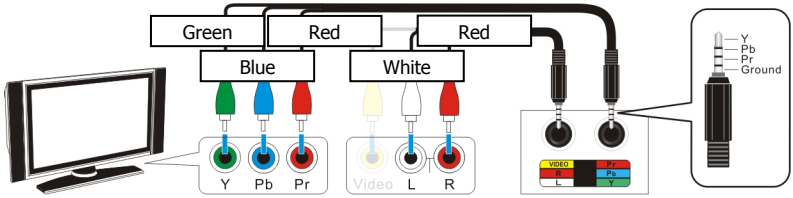


TV Connection

Component Video Connection (Y/Pb/Pr)

If your TV supports Component Video input (Y/Pb/Pr), you can connect it for better video quality. You will have to connect the audio cable for audio output. You can also configure display ratio, progressive scan, and the 1080I/720P up-scaling output in **SETUP MENU > VIDEO SETUP**.

Note: Some TV sets are equipped with separate composite and component audio inputs. Be sure that you have connected the correct one.

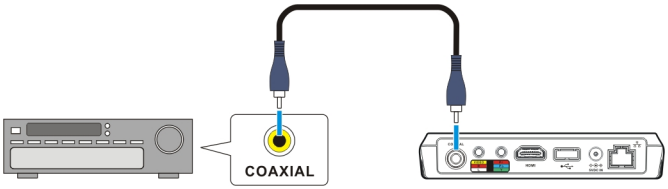


SCART Video Connection

If your TV is equipped with SCART input, connect the Composite connectors to a SCART adapter to output the audio/video signal. (SCART adapter not provided)

Coaxial Audio Connection

For a high quality digital audio, you connect this connector to an AV receiver which equips a digital audio decoder. (Coaxial cable not provided)



Power Connection

1. Connect the DC jack of the AC adapter to the connector marked "**DC IN**", plug the other end into an electrical outlet.
2. Press the ⏻ **STANDBY** button on the remote to activate this device for playback.
3. After playback, press the ⏻ **STANDBY** button again to return to Standby mode.

⚠

- When using the remote control, point the remote control towards the remote receiver.
- During the remote control operation, the inhibit icon will appear on the screen when a button of non-available operation is pressed.
- If the setting of the video output is incorrect, the TV screen will not display normally. Switch to correct setting by pressing the **TV SYS** button to switch

output TV system. (See page 21 for more detail).

Using the AV Playback Function

When this device is connected to a TV and activated for playback, the **Home Menu** will display on the TV screen. You can also jump to the **Home Menu** during playback or while browsing other menus by pressing the **HOME** button on the remote control.

The options on the right hand side of the **Home Menu** allow you to select a location to browse for media files or select menus for configuring this device.

To navigate the menus, use the buttons on the remote control to move the highlight bar through menus, options, or files. Press the **ENTER**/ button to open a folder, select an option, or play a file. Press the **RETURN**/ button to return to a previous page or menu.

Browsing Media Files

Browse media files in storage media (External USB). Playlists can only be seen in **All** and **Music** modes.

All: All media files will be listed.

Photo: Only photo files will be listed. Files and folders will be shown in large icons.

Movies: Only movie files will be listed.

Music: Only music files will be listed.

Setup: Set up configuration options for this device.

Note: The USB device must be formatted as NTFS/FAT32/HFS+ to support playback on the TV. If the USB drive is partitioned, this device will read the first primary partition ONLY.

Using the Remote Control

The icons on top of table indicate the media files associated with each function.

While playing back, you can enable the following operations:

DVD Folder/DVD ISO Plays the complete DVD movie with DVD menu.	
DVD Menu	Press **MENU** button will open the DVD Main Menu.
DVD Title Menu	Press **HOME** button will open the DVD Title Menu
Change subtitle	Press **SUBTITLE** button.
Change audio	Press **AUDIO** button.
Change angle	Press **ANGLE** button to change to another view angle if available. After pressing the **ANGLE** button, if the appears, it means that only one view angle is available.

- Some DVD will disable the **SUBTITLE** and **AUDIO** key function. You will need to set up these functions in the DVD Menu by pressing **MENU** key.
- If the DVD menu behaves incorrectly, such as blank screen or repeated segments, press **STOP** button to stop playing, and then select the VIDEO_TS file. Press **A-B** button to play the Main Title directly.

Photo Slideshow Plays graphic files continuously	
Slideshow Play	Pressing button on a JPEG file will start the Slideshow play.
Slideshow Pause	Press button to pause the Slideshow. Press button again to continue Slideshow play.
Previous / Next	Press / button.
Rotate	Pause Slideshow first, and then press / button to rotate the photo image.

Music Slideshow Plays graphic files continuously with music	
Music Slideshow	If a folder contains both JPEG files and MP3 music files, this device will play Slideshow and MP3 music together while

	performing Slideshow Play. (This function is not supported under 1080I mode.)
Slideshow Play	Pressing ►/II button on a JPEG file will start the Slideshow play.
Slideshow Pause	Press ►/II button to pause the Slideshow. Press ►/II button again to continue Slideshow play.

Change Xvid Subtitle

Change the subtitle, or disable the subtitle.

Change subtitle — Press the **SUBTITLE** button to change to next subtitle available.

Please read the following notice concerning the Xvid subtitle :

- If the movie file and subtitle file have the same filename, the subtitle will be displayed automatically while playing back.
- You can also specify another subtitle file. Press ■ **STOP** button to stop the playback first, and then it will go back to the "**Non-playback**" mode. You can select the desired subtitle file, and then press **SUBTITLE** button. A message "SELECT SUBTITLE 1" will appear on the screen. In the resume playing of the movie, the selected subtitle will be displayed.
- You can choose 2 subtitles by pressing the **SUBTITLE** button on 2 different subtitle files to display bilingual subtitles. (This function supports Unicode subtitles only)
- For text type subtitle files encoded in ANSI code, the OSD Language must be set to match with the language of the subtitle; while the ones encoded in Unicode (UCS-2) fashion can be displayed properly regardless of the OSD Language setting. You can adjust this setting in **SETUP MENU**>**GENERAL SETUP**>**OSD LANGUAGE**.
- UTF-8 subtitles are not supported.
- After pressing the **SUBTITLE** button, if the ✋ appears, it means that there is no subtitle file or the selected subtitle file is not supported.

During playback, you can select **SUBTITLE 1&2 > SUBTITLE 1 > SUBTITLE 2 > OFF** by pressing **SUBTITLE** button if two subtitle files are selected.

Change Audio

You can change to different language channels if the movie file contains them.	
Change audio	• Press **AUDIO** button to change to another language channel if available. • If the ✋ appears after pressing the **AUDIO** button, it means that only one language channel is available.
DVD	• The languages and the audio channel encodings of each audio track in a DVD movie may very from one another, depending on the information carried by the source itself.
VCD	• You can set audio output as one of the following three: **Mono Left**, **Mono Right**, or **Stereo**.

Stop Playback Stops the ongoing playback	
Stop	Pressing ■ **STOP** button will stop the playback.
After the playback of DVD and Xvid stopped, you can do the followings:	
Resume	After stopping, if you never play another file and the current file is still selected, press ►/II to continue playing the current file from the break point.
Complete Stop	After stopping the playback, press ■ **STOP** button again. A "**RESUME OFF**" message will then be displayed on the screen. The resume function is now canceled.

Pause Pause the ongoing playback	
Pause	Press ►/II button.
Resume	Press ►/II button to continue playing the file.

Volume Adjustment Increase or decrease the volume output level.	
Volume up	Press **VOL+** button.
Volume down	Press **VOL-** button.

Using the AV Playback Function

Play the Previous/ Next

Play the previous title / chapter or file.

Play the next title/ chapter or file.

Previous	Press ⏮ button.
Next	Press ⏭ button.

Fast Forward / Rewind

Fast forward: quickly plays a file forward (the speed is adjustable).

Rewind: quickly plays a file backward (the speed is adjustable).

Fast forward	Press ⏩ button to adjust speed.
Rewind	Press ⏪ button to adjust speed.
Resume	Press ⏯ button to restore normal speed.

DVD/VCD: Adjust speed in sequence: [2X ⇨ 4X ⇨ 6X ⇨ 8X ⇨ Normal].

Xvid: Adjust speed in sequence: [2X ⇨ 4X ⇨ 8X ⇨ 16X ⇨ Normal].

⚠

- During the fast forward or rewind playback, the image may appear discontinuous and sound may become mute.
- When fast forward playing to the next chapter, it will restore normal speed.
- When rewinding to the beginning of the current chapter, it will restore normal speed.
- MP3 fast forward/rewind is not supported.

Slow Motion

Plays a file at a slower speed (the speed is adjustable).

Slow motion	Press **SLOW** button to adjust speed.
Resume	Press ⏯ button to restore normal speed.

Xvid/VCD: Adjust speed in sequence: [1/2X ⇨ 1/4X ⇨ 1/8X ⇨ Normal].

DVD: Adjust speed in sequence: [1/2X ⇨ 1/4X ⇨ 1/8X ⇨ 1/2X Rewind ⇨ 1/4X Rewind ⇨ 1/8X Rewind ⇨ Normal]

⚠ During the slow motion playback, the sound may become mute.

Step Playback

Plays a movie in a frame-by-frame wise.	
Step playback	Press ⏯ button to pause the playback. Press **SLOW** button to play one single frame at a time.
Resume	Press ⏯ button again to restore normal playback.

Skip Playback

Skip forward or backward a segment, and then play.

Skip forward	Press ⏭ button. (about 10 seconds)
Skip backward	Press ⏮ button. (about 10 seconds)

Play Mode

Plays in a repeat or random fashion.

Change mode	Press **REPEAT** button to change the mode in sequence: • **REPEAT ONE** (repeats the current one) ⇨ • **REPEAT ALL** (repeats all files in the folder) ⇨ • **SHUFFLE REPEAT** (randomly plays all files in the folder and repeats if all files are played) ⇨ • **SHUFFLE** (randomly plays all files in the folder until all files are played) ⇨ • **NORMAL**

Repeat from A to B

Repeats a selected segment.

Starting Point	While playing to the desired start point, press **A-B** button.
Ending Point	While playing to the desired end point, press **A-B** button. It will start the repeated playback immediately.
Normal Play	Press **A-B** button again to cancel this repeat operation.

Chapter Searching

Plays the DVD movie from the chapter indicated.

Display	Press **GOTO**, and the screen will display "TITLE: _ _ / _ _ CHAPTER: _ _ / _ _".

Input	Press **0~9** buttons to select a chapter.
Play	Press ⏯, the movie will be played from the indicated title or chapter.

⚠ The entered value must not exceed the total number of titles or chapters, or the ✋ will appear to indicate this error.

Time Searching

Plays the movie from a certain time point.

Display	Press **GOTO** button (DVD: press **GOTO** 2 times), and the screen will display "TITLE: _ _ / _ _ _ _ : _ _ : _ _".
Input	Press **0~9** buttons to select a desired starting point (hh:mm:ss).
Play	Press ⏯, and then the movie will be played from that point on.

⚠ The entered value must not exceed the length of the movie, or the ✋ will appear to indicate this error.

Display Information

Display the information of the file being played.

Time	Press **DISPLAY** button to display elapsed time (or more) while playing a file.
File information	Press **DISPLAY** button to display file information.

Setup Menu

Press **SETUP** to display the Setup Menu. See the following to set up the functions:

GENERAL SETUP

OSD LANGUAGE

Select the language to display the **SETUP MENU**, information and Xvid subtitle.

AUDIO

Select the language for the default audio when playing a DVD movie.

SUBTITLE (For DVD Subtitle Support)

Select the language for the default subtitle when playing a DVD movie.

If "**OFF**" is selected, the subtitle will not be displayed when play back.

DVD MENU

Select the language for the default menu when playing a DVD movie.

TEXT ENCODING (For Xvid Subtitle Support)

Select a language code page for additional ANSI local code subtitle support. Please refer to the appendix for the country list (page 23). (*only active if OSD LANGUAGE is set to English)

AUDIO SETUP

This sub-menu can only be set when this device stops playback.

DOWNMIX

Set this function when output audio signal via the Composite connectors:

LT/RT: Outputs the left or right channel to both channels.

Stereo: Outputs stereo audio.

SPDIF OUTPUT

Outputs the digital audio signal via the Coaxial digital audio connector. After enabling this function, the Composite connector will not output the audio signal.

OFF: Outputs audio via Composite, and disables the digital audio output.

SPDIF/RAW: Outputs the digital audio without decoding. See "PRO LOGIC."

SPDIF/PCM: Converts the multi-channel audio signal into stereo for output. See "LPCM OUTPUT."

PRO LOGIC

This function only works if you have selected "SPDIF/RAW".

If the movie contains PCM stereo sound, after enabling this function and connected to an AV amplifier (receiver) equipped with a digital audio decoder, the audio output will be simulated as multi-channel sound.

OFF: No multi channels simulation.

ON: Outputs audio signal with multi channels simulation.

AUTO: Outputs audio signal with multi channels simulation whenever possible.

LPCM OUTPUT

This function only works if you have selected "SPDIF/PCM".

LPCM stands for Linear Pulse Code Modulation, which is a common method for encoding audio signal in CD and DVD. Higher sampling rate means audio output with more detail to meet Hi-end audiophile equipment requirements.

LPCM 48K: The sampling rate of the digital audio output will be limited at 48KHz.

LPCM 96K: The sampling rate of the digital audio output will be limited at 96KHz.

VIDEO SETUP

This sub-menu can only be set when this device stops playback.

TV STANDARD

NTSC: Outputs NTSC signal to TV.

PAL: Outputs PAL signal to TV.

TV DISPLAY

4:3 PS: Displays the 16:9 images in "Pan and Scan" with a 4:3 ratio TV connected.

4:3 LB: Displays the 16:9 images in "Letter Box" with a 4:3 ratio TV connected.

16:9: Connects to a 16:9 wide screen TV.

PICTURE MODE

AUTO: Follows the contents to output the picture mode.

FILM: Always output progressive scan.

VIDEO: Always output interlaced scan.

SMART: Enhanced picture quality of the AUTO mode.

VIDEO OUTPUT

COMPONENT : Outputs video signal via both composite and component connectors.

COMPONENT OUTPUT

SD INTERLACE :	When connecting to a TV equipped with Y/Cb/Cr video input.
SD PROGRESSIVE:	When connecting to a TV equipped with Y/Pb/Pr video input. Enabling this option will make **VIDEO OUTPUT** options disabled
720P:	When connecting to a TV supports high definition video input, enabling this option will output in 16:9 up-scaling component video format for High Definition displays. Enabling this option will make **TV STANDARD/TV DISPLAY/VIDEO OUTPUT** options disabled.
1080I :	When connecting to a TV supports high definition video input, enabling this option will output in 16:9 up-scaling component video format for High Definition displays. Enabling this option will make **TV STANDARD/TV DISPLAY/VIDEO**

OUTPUT options disabled.

Music Slideshow will be disabled in this mode.

Note:

- You'll have to exit the **SETUP MENU** for these settings to take place.
- **TV SYS** button only works in Home menu (press the **HOME** button). By pressing **TV SYS** button on the remote control, the video output format can be switched in the following sequence: **1080I/720P ⇨ SD PROGRESSIVE ⇨ SD INTERLACE ⇨ NTSC / PAL** (toggle) and so on. If you find the display incorrect, try this method to get back to standard NTSC or PAL video output, and then configure the video setup correct.

PREFERENCES SETUP

S.S. INTERVAL

This option stands for "Slide Show Interval." It sets up the interval between two photos when playing photo files.

ANGLE MARK

When playing a multi angle DVD movie, a mark will be displayed on screen.

ON: The angle mark will be displayed on the screen for 3 seconds.

OFF: The angle mark will not be displayed on the screen.

CLOSED CAPTIONS

If a movie contains "Closed Captions", it will have "Closed Captions" or CC mark printed on its retail box. Set this function "ON" to display the Closed Captions contained.

DEFAULTS

When this function is activated, all settings will be reset to factory defaults.

Appendix

Specifications

STORAGE

USB devices	USB Flash drive / USB external HDD Minimum 512MB or larger (USB card reader support is not guaranteed)
File System	FAT32/NTFS/HFS+ Minimum Allocation Unit Size 4096 bytes

INTERFACE

USB 2.0	USB 2.0 type A host port x 1 (300mA)

AUDIO/VIDEO INTERFACE

Analog Output	Composite video and stereo audio out (3.5mm phone jack x 1) Component video jack (Y/Pb/Pr) (3.5mm phone jack x 1)
Digital Output	HDMI connector x 1 Coaxial S/PDIF output (RCA x1)

MEDIA SUPPORT

Audio Support	MP3, AC3, WAV, WMA, OGG
Video Support	MPEG-1, MPEG-2 (DVD Folder/ DVD ISO), MPEG-4 (Xvid)
Photo Support	JPEG (baseline)
DVD Folder/ISO	DVD Menu/Audio/Subtitle/Angle Selection
Xvid Subtitle Format	IDX/SUB, SRT, ASS, SSA, SUB (type II), SMI, PSB
Music Slideshow	Music playback during photo slideshow

Max. CONTENT RESOLUTION

Video	720 x 576 pixels
JPEG	5120 x 3840 pixels (baseline)
IDX/SUB	480i / 576i / 480p / 576p

VIDEO OUTPUT

TV	NTSC / PAL
Screen Ratio	4:3 / 16:9
Component	480i / 480p / 576i / 576p / 720p(50/60Hz) / 1080i(50/60Hz)
HDMI	480p / 576p / 720p(50/60Hz) / 1080i(50/60Hz)

AUDIO OUTPUT

Analog Audio	Stereo/Left mono/Right mono
Digital Audio	Dolby Digital pass through

POWER SUPPLY

Input	AC 100-240 V, 50/60Hz
Output	DC 5V, 2A

BATTERY OF REMOTE CONTROL

CR2025 DC3V

GENERAL

Dimensions	130(W) x 24(H) x 84(D) mm 5.2(W) x 0.9(H) x 3.3(D) inch
Weight	124g / 4.37oz

⚠ Specifications are subject to change without notice.

Error Code

Error Code of Hard Disk Drive

On the top left corner of the screen, when "HDD FATAL ERROR – ##" (## represents the error code) appears, please check the following chart for solutions:

Code	Solution
01 ~ 02 :	These two may occur when the hard drive inside this device is not a certified disk approved by us.
03 :	The hard drive is malfunctioned. Check the hard drive health state.
04 :	The partition of the hard drive is wrong. Please format the first "Primary" partition with NTFS/FAT32/HFS+ file system.
05 :	Bad sectors detected.
10 ~ 15 :	Please reformat the hard drive when one of these codes occurs.

Fonts support country list

*This list is for reference only. The actual support may be subject to change without prior notice.

List of Latin 1 fonts (Western Europe)

Albanian, Danish, Dutch, English, Faroese, Finnish, French, German, Icelandic, Irish, Italian, Norwegian, Portuguese, Spanish, Swedish and Welsh.

List of Latin 2 fonts (Central Europe)

Albanian, Basque, Croat, Czech, Dutch, English, Gaelic, German, Hungarian, Irish, Polish, Romanian, Slovak, Slovene and Sorbian.

List of Standard Cyrillic fonts

Bulgarian, Belorussian, English, Macedonian, Moldavian, Russian, Serbian and Ukrainian.

List of Turkish fonts

Albanian, Danish, Dutch, English, Finnish, French, Gaelic, German, Italian, Kurdish (Latin), Norwegian, Portuguese, Spanish, Swedish and Turkish.

List of Greek fonts

Greek, Cyprus

List of Arabic fonts

Algeria, Bahrain, Comoros, Chad, Djibouti, Egypt, Eritrea, Iraq, Israel, Jordan, Kuwait, Lebanon, Libya, Mauritania, Morocco, Oman, Palestine, Qatar, Saudi Arabia, Somalia, Sudan, Syria, Tunisia, United Arab Emirates, Western Sahara and Yemen

List of Hebrew fonts

Israel

List of Traditional Chinese fonts

Taiwan, Hong Kong, Macao, Singapore

List of Simplified Chinese fonts

China, Hong Kong, Macao, Singapore

List of Japanese fonts

Japan

Copyright and Trademarks

Microsoft, Windows, and Windows Media Player are registered trademarks of Microsoft Corporation. Mac, Mac OS, and Finder are registered trademarks of Apple Computer, Inc. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. All other products are trademarks or registered trademarks of their respective owners and are hereby recognized as such.

- Moving the hard disk while it is still in operation may damage the hard disk. We are not liable for any data loss or damage caused by inappropriate or careless use.
- It is recommended to unplug the unit from the power socket completely when not in use.

Appendix

Appendix

Appendix